Amendments to the Specification:

Please replace paragraph **[0013]** with the following rewritten paragraph:

[0013] A bypass passage 24 is so provided as to connect upstream and downstream sides of the supercharger 20. Namely, in this section, the intake passage 5 is bifurcated into two flow passages extending in parallel. A valve 25 for adjusting an amount of intake air flowing through the bypass passage 24 is connected to the bypass passage 24. The valve 25 of the embodiment adjusts an amount of intake air through duty control. As a matter of course, the valve 25 can also be maintained in a fully open state or a fully closed state. That is, the amount of the intake air flowing through the bypass passage 24 per ~~unite~~ unit time can be adjusted by the valve 25. The valve 25 functions as flow amount adjustment means. The valve 25 is electrically driven and can arbitrarily adjust an amount of air flowing through the bypass passage 24.

Please replace paragraph **[0025]** with the following rewritten paragraph:

[0025] In the case where the amount of intake air flowing through the bypass passage 24 is equal to or larger than a certain amount, when the bypass passage 24 is abruptly closed, the intake air from the bypass passage 24 is stopped before the intake air amount supplied by supercharging performed by the supercharger 20 is ~~not~~ sufficiently increased. Therefore, the flow of intake air pauses. Thus, the valve 25 is immediately closed only when the detected intake air amount is sufficiently small such that the flow of intake air does not pause if the bypass passage 24 is immediately blocked (that is, only when a negative determination is made in step 225). When an affirmative determination is made in step 225 and the detected intake air amount is larger than the predetermined amount X, a predetermined rotational speed B of the motor 20a is decided based on the detected intake air amount (step 235).